

VEHICLE TORQUE MONITORING SYSTEM

Abstract

A distributed torque monitoring and control system for a hybrid vehicle. The hybrid vehicle has a power transfer unit adapted to drive a vehicle wheel and a power source adapted to drive the power transfer unit. The system includes a local torque monitor and a vehicle level torque monitor. The local torque monitor is associated with the power source and is adapted to implement a local mitigation strategy to inhibit undesired torque. The vehicle level torque monitor is adapted to implement a vehicle level mitigation strategy to inhibit acceleration of the hybrid vehicle if the local mitigation strategy is unsuccessful.